LISTING OF CLAIMS:

1. (previously presented) A transmission belt (4) for a continuously variable transmission (1), comprising:

transverse elements (5); and

an endless carrier (9) for keeping together the transverse elements (5),

each transverse element (5) provided with a convexly curved, non-circular rocking edge (12) extending between an essentially flat principal plane (11) and a recessed radially inner part (6), the rocking edge defined by a curvature for allowing neighbouring transverse elements (5) to mutually tilt about a substantially axially oriented contact line (7) over a tilting angle (α), so that a part of the belt (4) may pass along a longitudinally bent trajectory, wherein,

the curvature of the rocking edge (12) is defined by a plurality of radii (R) that continuously increase in a radially inward direction, and

the curvature of the rocking edge (12) notionally displaces the contact line (7) in dependence on the tilting angle (α, β).

2. (original) The transmission belt (4) according to claim 1, characterised in that the curvature of the rocking edge

(12) is defined by at least one of a plurality of radii (R) exceeding 20 mm.

3. (cancelled)

4. (previously presented) The transmission belt (4) according to claim 1, characterised in that the curvature of the rocking edge (12) is substantially elliptical.

5. (previously presented) The transmission belt (4) according to claim 1, characterised in that the radii (R) of the curvature of the rocking edge (12) lies or lie in the range between 20 mm and 180 mm.

6. (previously presented) The transmission belt (4) according to claim 1, characterised in that each transverse element (5) is provided with a protrusion (10) longitudinally protruding from a principle plane (11) thereof, having a protruding height that is smaller than a maximum tilting clearance (C) in the belt's longitudinal direction at the location of the protrusion (10) between two mutually contacting elements (5).

7. (previously presented) The transmission belt (4) according to claim 1, characterised in that in a radial direction of the transmission belt (4) the rocking edge (12) at least partly coincides with the endless carrier (9).

8. (original) The transmission belt (4) according to claim 7, characterised in that the curvature of the rocking edge (12) is defined such that the contact line (7) between two neighbouring elements (5) is located radially inward from the endless carrier (9) at least in a part of the belt (4) that is curved in the longitudinal direction at a radius of curvature of approximately 5 cm.

9. (previously presented) The transmission belt (4) according to claim 7, characterised in that the transverse element (5) is provided with an axial side face (8) for contact with a pulley (2, 3) of the transmission (1) and in that in the rocking edge (12) extends in the radial direction to approximately half a radial dimension of the axial side face (8).

10. (previously presented) A transverse element (5) for application in the transmission belt (4) according to claim 1, characterised in that the transverse element (5) is manufactured by punching.

11. (previously presented) A continuously variable transmission (1) provided with the transmission belt (4) according to claim 1.

12. (original) The continuously variable transmission (1) according to claim 11 characterised in that the rocking edge (12) of the transverse elements (5) of the transmission belt (4) is defined such that during operation of the transmission (1) and for at least a part of the belt (4) the contact line (7) between two neighbouring elements (5) is located radially inward from the endless carrier (9).

13. (previously presented) The continuously variable transmission (1) according to claim 11, characterised in that the curvature of the rocking edge (12) is defined such that at a minimum radius of a bent trajectory part (RMIN) of the belt (4) the displacement of the contact line (7) is at a maximum.

14. (previously presented) A vehicle provided with a transmission (1) according to claim 11.

15. (previously presented) The transmission belt (4) according to claim 1, wherein the radii (R) of the curvature of the rocking edge (12) lies or lie in the range between 30 mm and 150 mm.

16. (previously presented) The transmission belt (4) according to claim 1, wherein the radii (R) of the curvature of the rocking edge (12) lies around 40 mm.

17. (previously presented) A transmission belt (4) for a continuously variable transmission (1), comprising:

transverse elements (5); and

an endless carrier (9) for keeping together the transverse elements (5),

each transverse element (5) provided with a convexly curved, non-circular rocking edge (12) extending between an essentially flat principal plane (11) and a recessed radially inner part (6), the rocking edge defined by a curvature for allowing neighbouring transverse elements (5) to mutually tilt about a substantially axially oriented contact line (7) over a tilting angle (α), so that a part of the belt (4) may pass along a longitudinally bent trajectory, wherein,

the curvature of the rocking edge (12) is defined by a plurality of radii (R) that increase in a radially inward direction forming an elliptical curvature, and

the curvature of the rocking edge (12) notionally displaces the contact line (7) in dependence on the tilting angle (α, β).

18. (previously presented) A transmission belt (4) for a continuously variable transmission (1), comprising:

transverse elements (5); and

an endless carrier (9) for keeping together the transverse elements (5),

each transverse element (5) provided with a convexly curved, non-circular rocking edge (12) extending between an essentially flat principal plane (11) and a recessed radially inner part (6), the rocking edge defined by a curvature for allowing neighbouring transverse elements (5) to mutually tilt about a substantially axially oriented contact line (7) over a tilting angle (α), so that a part of the belt (4) may pass along a longitudinally bent trajectory, wherein,

the curvature of the rocking edge (12) is defined by an elliptical curvature notionally displacing the contact line (7) in dependence on the tilting angle (α, β).

19. (previously presented) The transmission belt of claim 17, wherein an upper part of the rocking edge has a smaller radius of curvature compared to a lower part of the rocking edge.

20. (previously presented) The transmission belt of claim 18, wherein the curvature of the rocking edge (12) is a plurality of radii (R) that continuously increase in a radially

inward direction forming an upper part of the rocking edge with a smaller radius of curvature compared to a lower part of the rocking edge.